Education
Direct

TABLE OF CONTENTS

Volume VII

SEPTEMBER ISSUE—LEARNING, TEACHING, SUPERVISION

Page

An Experiment in the Essay-Type Question: *Robert Ashburn* 1

The Value of Amount of Tardiness and Absence for Direct and Differential Prediction of Academic Success: *Claude L. Nemzek* 4

A Study of Double Grades in New Haven City Schools: *Elton E. Knight* 11

An Experimental Study in Developing History Reading Ability With Sixth Grade Pupils Through the Development of an Active History Vocabulary: *William Rodgers Phipps* 19

Individual Differences in Retention of General Science Subject Matter in the Case of Three Measurable Teaching Objectives: *Aubrey H. Word and Robert A. Davis* 24

Measurable Outcomes of Two Methods of Teaching Experimental Geometry: *David E. Brownman* 31

Construction, Interpretation, and Use of a Sight Reading Scale in Organ Music With an Analysis of Organ Playing Into Fundamental Abilities: *Theo. G. Stelzer* 35

The Effect of Budgeting Time on the Achievement of Freshmen Normal School Girls: *Bess E. Johnson* 44

An Evaluation of Normal School Sororities: *Bess E. Johnson* 49

The Effect of Written Examinations on Learning and on the Retention of Learning: *Bess E. Johnson* 55

An Analysis of the Number Knowledge of First-Grade Pupils According to Levels of Intelligence: *Albert Grant* 63

An Investigation Into the Relative Effectiveness of Three Different Methods of Teaching General Biology in a Normal School: *Elmo Nall Stevenson* 67

Variability as a Measure of Competitive Behavior: *James Vaughn and Edward Geldreich* 71

The Experimental Psychology of Competition: *James Vaughn and Charles M. Diserens* 76

DECEMBER ISSUE—CHILD DEVELOPMENT

Page

A Preliminary Study of Questions Which Adolescents Find Unanswerable: *George Lawton* 99

The High-School Graduate and Dropout: *Joseph Samler* 105

Auditory Factors in Functional Articulatory Speech Defects: *Margaret E. Hall* 110

Projective Methods in the Psychological Study of Children: *Ruth Horowitz and Lois Barclay Murphy* 133

Analysis of Verb Forms in the Speech of Young Children, and Their Relation to the Language Learning Process: *Sidney Adams* 141

Similarities and Differences in the Play Activities of Children in Two Public Schools With Contrasting Environment: *Grace Woody* 145

MARCH ISSUE—STATISTICS, MEASUREMENTS, AND SCIENTIFIC TECHNIQUES

Page

Factors Underlying Unpredicted Scholastic Achievement of College Freshmen: *Walter R. Hepner* ---------- 159

The Value of Certain Factors for Direct and Differential Prediction of Academic Success: *Claude L. Nemzek* ---------- 199

A Technique for the Measurement of Social Adjustment: *J. E. Janney*---------- 203

The McCauley Tetrahedron Test: *Leslie D. Hayes and Charles A. Drake*---------- 206

The Relationship of Self-Rating and Classmate Rating on Personality Traits: *Margaret J. Drake, Sydney Roslow, and George K. Bennett*---------- 210

A Study of the Validity of Some Cardio-Vascular Tests: *Leonard A. Larson*---------- 214

An Analysis of Some New Statistical Methods for Selecting Test Items: *Robert F. Barry* ---------- 221

The Validity of the Machine-Scorable Cooperative English Test: *Constance M. McCullough and John C. Flanagan* ---------- 229

A Study of Certain Factors Influencing Academic Achievement with Special Reference to the Health Factor: *Lowell N. Douglas* ---------- 235

A Test of the Assumptions of Linearity and Homoscedasticity Made in Estimating the Correlation in One Range From That Obtained in a Different Range: *Teobaldo Casanova* ---------- 245

JUNE ISSUE—CURRICLUM CONSTRUCTION

Page

Teaching Nutrition in Biology Classes: *N. Eldred Bingham*---------- 251

Comparative Differences Between Superstitious and Non-Superstitious Children: *Arthur John Ter Keurst* ---------- 261

The Reactions of Sixth Grade Children to Commercial Motion Pictures as a Medium for Character Education: *Charles David Cooper*---------- 268

The Text Book and Work Book in Learning to Spell: *L. L. Clifton*---------- 274

Changing Conceptions in the Relative Sequence of Major Topics in General Science Textbooks (1911–1934): *Maitland P. Simmons*---------- 277